

Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Large Entity)

Docket No.  
11675.165.1

In Re Application Of:  
Yin et al.

AUG 16 1999

Serial No.  
09/293,188

Filing Date  
April 16, 1999

Examiner  
Not yet assigned

Group Art Unit  
2814

Invention:

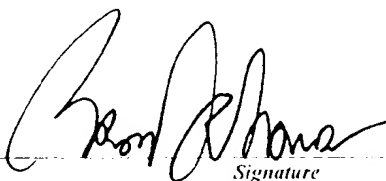
INTERCONNECT STRUCTURE WITH INTERLAYER DIELECTRIC

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of \$170 is to be paid as follows:

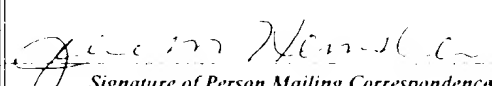
- ☒ A check in the amount of the fee is enclosed.  
☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 23-3178  
A duplicate copy of this sheet is enclosed.  
☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No.  
A duplicate copy of this sheet is enclosed.

  
Signature

Dated: June 11<sup>th</sup>, 1999

BRADLEY K. DeSANDRO, REG. NO. 34,521  
WORKMAN, NYDEGGER & SEELEY  
1000 EAGLE GATE TOWER  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111

I certify that this document and fee is being deposited  
on June 11, 1999 with the U.S. Postal Service as  
first class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

*Signed  
original  
Before not  
for mail*  
  
Signature of Person Mailing Correspondence  
JULIE M. HEMSLEY  
Typed or Printed Name of Person Mailing Correspondence

CC:

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
11675.165.1

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2814

Invention:

**INTERCONNECT STRUCTURE WITH INTERLAYER DIELECTRIC**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

☐ Completion of application fees as calculated below:

☐ Utility application filing fee

☐ Design application filing fee

☐ Total number of independent claims =

☐ Total number of claims =

☐ Multiple dependent claims

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath

\$130.00

☐ Petition and fee for filing by other than all the inventors or a person not the invention

☐ Fee for processing an application filed with a non-English language specification

☐ Fee for processing and retention of application

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month

☐ Two months

☐ Three months

☐ Four months

☐ Five months

from:

Date

until:

Date

Total time extension fees

Total fees due **\$130.00**

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
11675.165.1

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Yin et al.

AUG 16 1999

Serial No.  
09/293,188

Filing Date  
April 16, 1999

Examiner  
Not yet assigned

Group Art Unit  
2814

Invention:

**INTERCONNECT STRUCTURE WITH INTERLAYER DIELECTRIC**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on  
May 14, 1999  
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ Other (list):

Assignment  
Check in the amount of \$170.00  
Postcard

SECRET

**TRANSMITTAL LETTER  
(General - Patent Pending)**

Docket No.  
11675.165.1

In Re Application Of:

Yin et al.

AUG 16 1999

Serial No.  
09/293,188

Filing Date  
April 16, 1999

Examiner  
Not yet assigned

Group Art Unit  
2814

Title:

**INTERCONNECT STRUCTURE WITH INTERLAYER DIELECTRIC**

TO THE ASSISTANT COMMISSIONER FOR PATENTS.

Transmitted herewith is:

Copy of Notice of Incomplete Reply (Filing Date Granted)

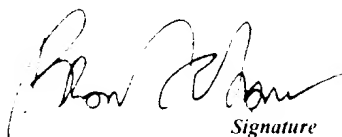
Response to Notice of Incomplete Reply

Copy of Notice to File Missing Parts of Application and related documents

Postcard

in the above identified application.

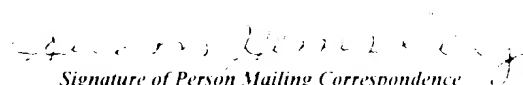
- ☒ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **23-3178** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

  
Signature

**BRADLEY K. DeSANDRO, REG. NO. 34,521  
WORKMAN, NYDEGGER & SEELEY  
1000 EAGLE GATE TOWERS  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111**

Dated: August 13, 1999

I certify that this document and fee is being deposited on August 2, 1999 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

  
Signature of Person Mailing Correspondence

**JULIE M. HEMSLEY**

Typed or Printed Name of Person Mailing Correspondence

CC:

AUG 16 1999

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
 )  
 Yin, et al. )  
 )Art Unit  
 Serial No.: 09/293,188 )2814  
 )  
 Filed: April 16, 1999 )  
 )  
 For: INTERCONNECT STRUCTURE WITH )  
 INTERLAYER DIELECTRIC )

RESPONSE TO NOTICE OF INCOMPLETE REPLY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please find enclosed herewith copies of the Response to Notice to File Missing Parts of Application and related documents. As you can see by the attached correspondence, the Declaration, Power of Attorney and Petition was included in the documents deposited with the U.S. Postal Service on June 11, 1999.

If you have any questions, please do not hesitate to call me.

Dated this 13 day of August, 1999

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Bradley K. Desandro".

BRADLEY K. DESANDRO

Attorney for Applicant

Registration No. 34,521

WORKMAN, NYDEGGER & SEELEY

1000 Eagle Gate Tower

60 East South Temple

Salt Lake City, Utah 84111

Telephone: (801) 533-9800

Facsimile: (801) 328-1707



Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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11675, 16.5, 1

0.212/105 = 0.002

NOT ASSIGNED

DATE MAILED: 2814

05/14/2007

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
*Filing Date Granted*

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☐ non-small entity is \$ 1,000.

- ☐ 1. The statutory basic filing fee is:
- ☐ missing.
  - ☐ insufficient.

Applicant must submit \$\_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

- ☐ 2. The following additional claims fees are due:

\$\_\_\_\_\_ for \_\_\_\_\_ total claims over 20.

\$\_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$\_\_\_\_\_ for multiple dependent claim surcharge.

*Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.*

-  3. The oath or declaration:

- ☐ ... is missing or unsigned.
- ☐ does not cover the newly submitted items.

*An oath or declaration in compliance with 37 CFR 1. 63, including residence information and identifying the application by the above Application Number and Filing Date is required.*

- ☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*

- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

*An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.*

- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

- ☐ 8. The application was filed in a language other than English.

The application must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

- ☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

***A copy of this notice MUST be returned with the reply.***

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

WORKMAN, NYDEGGER & SEELEY

1000 Eagle Tower  
60 East South Temple  
Salt Lake City, Utah 84111



TO THE UNITED STATES PATENT AND TRADEMARK  
OFFICE: PLEASE STAMP AND RETURN. THANK YOU.

Submitted: Transmittal Letter (General) Response to Notice to File Missing  
Parts of Application; Copy of the Notice to File Missing Parts  
of Application; (4 total) Assignment, together with Form PTO-  
1595 Cover Sheet; (4 total) Declaration, Power of Attorney  
and Petition; Check No. 109872 in the amount of  
\$170.00; and, Postcard.

Applicant: Yin et al.  
Serial No: 09/293,188  
Filed: April 16, 1999  
For: INTERCONNECT STRUCTURE WITH INTERLAYER  
DIELECTRIC  
Docket: 11675.165.1  
Mailed: June 11th, 1999



AUG 18 1999



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARK  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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DATE MAILED:

**NOTICE OF INCOMPLETE REPLY**  
**(Filing Date Granted)**

The reply filed on 6 17 99 to the Notice to File Missing Parts (Notice) mailed on 5 14 99 has been entered into the application. The reply, however, is incomplete for the following reason(s).

- ☐ 1. The filing fee required by the Notice has not been received. The amount of \$ \_\_\_\_\_ is due.
- ☐ 2. The surcharge of \$ \_\_\_\_\_ has not been received.
- ☒ 3. The oath or declaration for this nonprovisional application has not been received.
- ☐ 4. The oath or declaration for this nonprovisional application is not executed in compliance with 37 CFR 1.64(a) because:
  - ☐ a. The inventor's signature is missing.
  - ☐ b. The signature is missing for inventor(s) \_\_\_\_\_
  - ☐ c. The application is one filed under 37 CFR 1.42, 1.43, or 1.47, and the oath or declaration is not executed by the person(s) qualified to make the oath or declaration.
- ☐ 5. The cover sheet (37 CFR 1.151(c)(1)) for this provisional application has not been received.
- ☐ 6. The reply does not include \_\_\_\_\_

\_\_\_\_\_ as required by this Notice.

A complete reply must be timely filed to prevent **ABANDONMENT** of the above-identified application.

The period for reply remains as set forth in the Notice. You may, however, obtain an **EXTENSION OF TIME** under the provisions of 37 CFR 1.136(a) by filing a petition accompanied by the appropriate fee (37 CFR 1.17(a)).


Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

WORKMAN, NYDEGGER & SEELEY HONORABLE COMMISSIONER

DATE	INVOICE NUMBER	MEMO	BALANCE
06/11/1999	061101	11675.165.1	170.00
			
CHECK DATE 06/11/1999	CHECK NUMBER 000109874		TOTAL 170.00

ORIGINAL DOCUMENT IS PRINTED ON CHEMICAL REACTIVE PAPER & HAS A MICROPRINTED BORDER

**WORKMAN, NYDEGGER & SEELEY**  
A PROFESSIONAL CORPORATION

1000 EAGLE GATE TOWER  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111

FIRST SECURITY BANK OF UTAH, N.A.  
MAIN AT FIRST SOUTH OFFICE  
SALT LAKE CITY, UTAH 84111

31-1/1240

109874

PAY: *One Hundred Seventy and No/100 Dollars*

NUMBER	DATE	AMOUNT
000109874	06/11/1999	*****170.00

TO THE  
ORDER  
OF  
**HONORABLE COMMISSIONER OF  
PATENTS AND TRADEMARK  
WASHINGTON, DC 20231**

  
AUTHORIZED SIGNATURE

THE REVERSE SIDE OF THIS DOCUMENT INCLUDES AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

⑈ 109874 ⑈ ⑆ 124000012⑆051 00113 23⑈